

a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including:

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- 1) a lens array substrate provided with a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels,
  - 2) a step portion being substantially equal in height to said microlenses throughout a region completely overlapping said sealing material, the width of the step portion being wider than the entire width of the sealing material, and
  - 3) a transparent cover adhered to the lens array substrate with an adhesive that covers said microlens and said step portion.
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4. (Three Times Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, a liquid crystal enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said first substrates;

adhering a transparent cover to said lens array substrate with an adhesive to cover said microlenses and said step portion;

forming a sealing material of photo curing resin, the width of the step portion being wider than the entire width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with the sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

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curing said sealing material while pressing said first substrate on the second substrate, and emitting light to said sealing material through said step portion.

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7. (Three Times Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, an electro-optical material enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said lens array substrate;

bonding a transparent cover to said lens array substrate with an adhesive so as to cover said microlenses and said step portion;

forming a sealing material of photo curing resin, the width of the step portion being wider than the entire width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with said sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

curing said sealing material while applying pressure from an exterior of said pair of substrates, and emitting light to said sealing material through said step portion.

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10. (Three Times Amended) An electro-optical device, comprising:  
a pair of substrates including a first substrate and a second substrate adhered together with a sealing material of photo curing resin; and  
an electro-optical material enclosed between said pair of substrates, said second substrate having a plurality of scanning lines, a plurality of data lines intersecting said